	Application No.	Applicant(s)
Notice of Allowability	10/784,999	IDO ET AL.
	Examiner	Art Unit	
	Denise Tran	2185	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed 3/15/06 and the telecommunication on 4/14/06*.

2. ☒ The allowed claim(s) is/are *1-17*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

       1. ☒ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

       Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *6/23/05*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *4/14/06* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Carl Brundidge, Reg. No. 29,621 on 4/14/06.

2.   The application has been amended as follows:

in the claims:

claim 3 (currently amended) <u>A storage system</u> comprising:

a first storage unit for storing information from a first server;

a second storage unit for storing the information stored in said first storage unit;

a storage device connected with said first storage unit and with said second

storage unit and with said first server and with a second server instructing said first

server another storage device connected with said second storage unit; and

a storage controller being coupled with said first storage unit, said second

storage unit, said first server, and a second server, and being used to control said first

storage unit and said second storage unit for controlling said storage devices,

wherein when an instruction for splitting is received from said first server, said

storage controller reports end of the splitting to said first server, receives an instruction

for backup from said second server, and then transfers information to a backup device

from said second storage unit after copy of information from said first storage unit to

said second storage unit ends, and

wherein when there is a request for transfer of first information stored in said

second storage unit and second information not stored from said first storage unit into

said second storage unit to the backup device, said second information is stored from

said first storage unit into said second storage unit and then said first information and

said second information are transferred from said second storage unit to said backup

device.

claim 4 (currently amended) <u>A storage system</u> comprising:

a first storage unit for storing information from a first server;

a second storage unit for storing the information stored in said first storage unit;

~~a storage device connected with said first storage unit and with said second~~

~~storage unit and with said first server and with a second server instructing said first~~

~~server another storage device connected with said second storage unit;~~ and

a storage controller being coupled with said first storage unit, said second

storage unit, said first server, and a second server, and being used to control said first

storage unit and said second storage unit ~~for controlling said storage devices~~,

wherein when an instruction for splitting is received from said first server, said

storage controller reports end of the splitting to said first server, receives an instruction

for backup from said second server, and then transfers information to a backup device

from said second storage unit after copy of information from said first storage unit to said second storage unit ends, and

wherein when said storage controller receives a request for transfer of first information stored in said second storage unit and second information not stored from said first storage unit into said second storage unit to the backup device, said first information is stored from said second storage unit into a memory that is connected with said storage controller and acts to store information and said second information is stored from said first storage.unit into said memory, and then said first information and said second information stored in said memory are transferred to said backup device.

claim 7 (currently amended) A backup method for a storage system having a first storage unit for storing information from a first server, a second storage unit for storing the information stored in said first storage unit, a storage device connected with said first storage unit and with said second storage unit and connected with said first server and with a second server instructing said first server, and a storage controller being connected with said first storage unit, said second storage unit, said first server, and a second server, and being used to control said first storage unit and said second storage unit for controlling said storage device, wherein said method comprising the steps of:

causing said first server to issue an instruction for splitting to said storage controller;

then causing said storage controller to report end of the splitting to said first server; and

then, when an instruction for backup is received from said second server,

transferring information from said second storage unit to a backup device after end of

copy of the information from said first storage unit to said second storage unit,

wherein when there is a request for transfer of first information stored in said

second storage unit and second information not stored from said first storage unit into

said second storage unit to the backup device, said second information is stored from

said first storage unit into said second storage unit, and said first information and said

second information are transferred from said second storage unit to said backup device.

claim 8 (currently amended) A backup method for a storage system having a first

storage unit for storing information from a first server, a second storage unit for storing

the information stored in said first storage unit, ~~a storage device connected with said~~

~~first storage unit and with said second storage unit and connected with said first server~~

~~and with a second server instructing said first server,~~ and a storage controller being

connected with said first storage unit, said second storage unit, said first server, and a

second server, and being used to control said first storage unit and said second storage

unit ~~for controlling said storage device~~, wherein said method comprising the steps of:

causing said first server to issue an instruction for splitting to said storage

controller;

then causing said storage controller to report end of the splitting to said first

server; and

then, when an instruction for backup is received from said second server, transferring information from said second storage unit to a backup device after end of copy of the information from said first storage unit to said second storage unit,

wherein when there is a request for transfer of first information stored in said second storage unit and second information not stored from said first storage unit into said second storage unit to the backup device, said first information is copied from said second storage unit into a memory that is connected with said storage controller and acts to store information and said second information is copied from said first storage unit into said memory, and then said first information and said second information stored in said memory are transferred to said backup device.
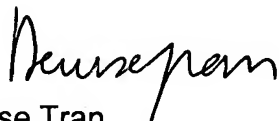
claim 17, lines 23-24, please replace "said memory included in" with –a second memory connected with--; line 26, after "said" please insert second; and line 28, please replace "said memory" with –said second memory--.

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Denise Tran whose telephone number is (571) 272-4189. The examiner can normally be reached on Monday, Thursday, and an alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matt Kim can be reached on (571) 272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Denise Tran

4/14/06